

Partial English Translation of JP-10-132712 A (Michio NAKA et al.)

(57) [Abstract]

[Problems to be Solved] This invention provides a device for analyzing a sample which is capable of performing rapid and precise analysis of a small amount of sample, and whose gradient in a measuring apparatus is not limited.

[Means for Solving the Problems] This device comprises an approximately rectangular plate shaped body 5 comprising a base member 5b made of resin and a transparent covering 5a. A first depressed cylindrical concave portion is formed on the upper surface of the base member 5b, and a groove is formed in communication with the first depressed cylindrical concave portion, the groove extending to the end of the protrusion portion 5c. And a second depressed cylindrical concave portion which is smaller than the first depressed cylindrical concave portion is formed in a certain position in the groove, and the end of the groove opens to the outside at the end of the protrusion portion 5c. Then, the transparent covering 5a is placed over the upper surface of the base member 5b, and they are integrated together. As a result, the first depressed cylindrical concave portion, the groove, the second depressed cylindrical concave portion, and the opening at the end of the groove are formed into a suction pressure generating chamber 1, a drawing channel 2, an analytical section 3, and an opening 4 for drawing a sample, respectively.